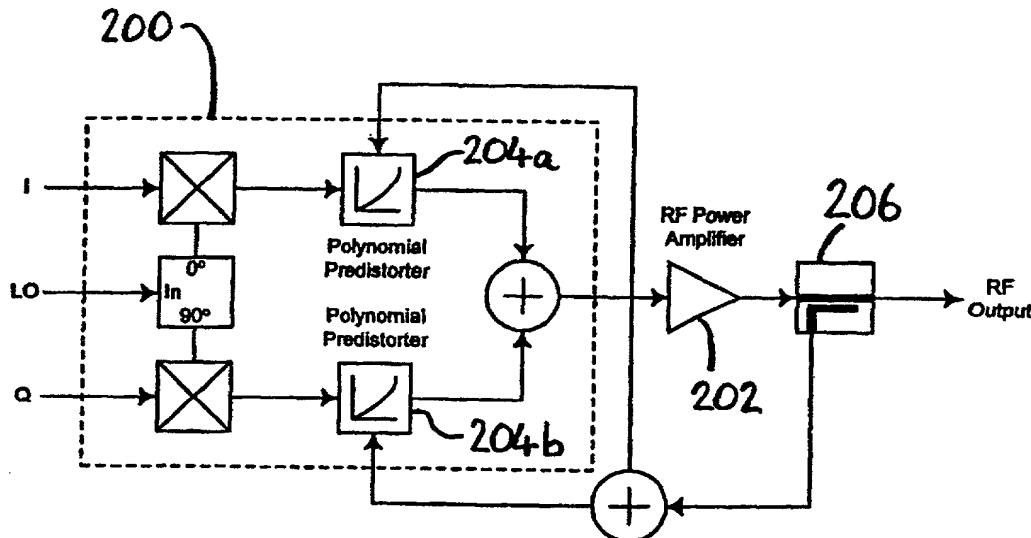




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(54) Title: SIGNAL PROCESSING MEANS



(57) Abstract

A non-linearity generator (104) operates on a signal between a frequency converter (100) and an amplifier (102) and acts as a postdistorter for the component it follows and as a predistorter for the component it precedes, thus linearising the overall input-output characteristic of the circuit. Cross modulation components distorting an injected pilot signal provide a feed back signal which is used to control the distortion applied by non-linearity generator. The non-linearity generator can be adapted to cope with widely spaced input tones. The circuit may form part of a transmitter or a receiver.